

CLAIMS

The newly presented amendments do not add any new matter, and are otherwise intended as clarifications per the Examiner's recent Office Action, or intended as correction of inadvertent typographical errors, and are not intended to result in any other substantive effect with respect to scope. In accordance with 37 C.F.R. §1.121, a claim listing including the status and text of all claims as currently presented appears below..

LISTING OF CURRENTLY PENDING CLAIMS

1. (CURRENTLY AMENDED) A method of handling a telephone call with an associated data package over a telephone system having a pair of first lines and a pair of second lines with limited ~~carrying capacity~~ bandwidth ~~in a given time period~~ comprising ~~the steps of~~:
 - a) generating at least one first data from at least one first data generator and at least one second data from at least one second data generator;
 - ~~b) generating at least one second data from at least one second data generator;~~
 - e) prioritizing the at least one first data relative to the at least one second data so that the at least one first ~~byte digital~~ data is given priority;
 - d) determining the bandwidth required for transmission of the at least one first data;
 - e) preferentially sending the at least one first data within the bandwidth associated therewith on the first pair of lines; and
 - f) using bandwidth as available to include the at least one second ~~digital~~ data.

2. (CURRENTLY AMENDED) The method of claim 1, wherein ~~the step of~~ prioritizing ~~further~~ comprises:

a) ~~the first data is of at least one first type and wherein the at least one second data is of at least one second type~~ setting a protocol for electing the at least one first data ~~type~~ over the at least one second data ~~type~~ wherein the first data is of at least one first type and wherein the at least one second data is of at least one second type; and

b) automatically prioritizing the data based on the protocol [parameter;].

3. (CURRENTLY AMENDED) The method of claim 1, wherein ~~the step of~~ generating comprises ~~the steps of~~:

a) selecting at least one reader ~~means~~ to receive the data; and

b) reading data fed into the reader.

4. (CURRENTLY AMENDED) The method of claim 3, wherein the reader is selected from the group consisting of voice, picture, bio-marker, card holder information, DNIS and ANI call data readers, and combinations thereof.

5. (CURRENTLY AMENDED) The method of claim 4, further comprising ~~the steps of~~:

~~(a)~~ creating at least one circuit board having a CPU with instructions; and

~~(b)~~ connecting the reader[s] to the circuit board[;].

~~e) and wherein the step of~~ prioritizing comprises ~~the step of~~ permitting the CPU following to follow its instructions to prioritize the data.

6. (CURRENTLY AMENDED) The method of claim 3, wherein at least one reader ~~means~~ is a telephone ~~means~~.

7. (CURRENTLY AMENDED) The method of claim 1, further comprising ~~the steps~~ of:
- ~~(a)~~ selecting the most efficient form for transmission of the data; and
 - ~~(b)~~ converting the at least one first data and at ~~least~~ least one second data to [a] digitized forms corresponding to the most efficient data type for transmission.
8. (CURRENTLY AMENDED) The method of claim 2, wherein ~~the step of~~ prioritizing comprises ~~the steps of~~:
- ~~(a)~~ determining the amount of data to store;
 - ~~(b)~~ storing data which is not ready to send; and
 - ~~(c)~~ prioritizing data to be stored.
9. (CURRENTLY AMENDED) The method of claim 8, wherein ~~the step of~~ prioritizing further comprises:
- ~~(a)~~ separating the ~~data~~ data into bytes;
 - ~~(b)~~ determining the size of bytes;
 - ~~(c)~~ packaging the bytes to be sent;
 - ~~(d)~~ attaching at least one common marker to each data made up of digital data bits; and
 - ~~(e)~~ streaming data into bytes with the marker[;].
10. (CURRENTLY AMENDED) The method of claim 9, ~~wherein~~ further comprising associating the marker ~~is associated~~ with two types of data generation.
11. (CURRENTLY AMENDED) The method of claim 10, further comprising ~~wherein~~ associating the marker ~~is associated~~ with the beginning and ending time of the call.

12. (CURRENTLY AMENDED) The method of claim 9, further comprising ~~the steps~~ of:

- ~~(a)~~ retrieving the data at a remote location;
- ~~(b)~~ separating the data by type;
- ~~(c)~~ maintaining the data with the marker for at least one data type;
- ~~(d)~~ using the time marker to maintain the time order of the data for later transmission and alignment of different data types;
- ~~(e)~~ determining the best method for transmitting data; and
- ~~(f)~~ sending the data by at least one, ~~and preferably a plurality, of~~ transmission data stream[s].

13. (CURRENTLY AMENDED) The ~~device~~ method of claim 1, further comprising ~~the steps of~~:

- ~~(a)~~ selecting a digitized format for transmission for each data;
- ~~(b)~~ converting the data to the digitized format selected ~~determined~~ by having wave type data converted into signals which are given a predetermined value ~~(0 or 1)~~ as a bit;
- ~~(c)~~ determining the amount of data to store;
- ~~(d)~~ storing data which is not ready to send;
- ~~(e)~~ prioritizing data to be stored;
- ~~(f)~~ attaching at least one time reading to each data byte made up of digital data bits;
- ~~(g)~~ attaching a time reading for each predetermined period which time reading ~~may be~~ is separated out ~~[(]as a separated byte[)]~~;

~~(h)~~providing a remote clock to allow the ~~remote~~ local clock to be kept in time with the local phone clock;

~~(i)~~sending the data;

~~(j)~~retrieving the data out of the data stream;

~~(k)~~separating the data by type based on the time marker; and

~~(l)~~re-ordering the data based on the time from the remote clock[;].

14. (CURRENTLY AMENDED) The method of claim 1 wherein ~~the step of~~ sending data includes multiplexing the data by moving the data in both directions on the first lines.

15. (CURRENTLY AMENDED) The method of claim 6₁ further comprising using several frequencies on the same channel to transmit several different streams of data[,]
from different readers[,]
simultaneously.

16. (CURRENTLY AMENDED) The method of claim 15₁ further comprising ~~the step of~~ providing multiple streams of data which streams of data include sampling for data assigned to a particular location on the data stream.

17. (CURRENTLY AMENDED) The method of claim 7₁ wherein ~~the step of~~ converting further comprises ~~the step of~~ combining two or more data into a single signal for sending.

18. (WITHDRAWN – CURRENTLY AMENDED) ~~I claim a~~ A device for generating telephone data comprising:

[A] a first phone device₁ comprising:

a handset ~~means~~ for accepting and generating electromagnetic voice signals[,];

a circuit board electronically connected to the handset ~~means~~[,];

at least one input ~~means for~~ configured to receiving receive digital data and deliver[ing] the digital data directly to the circuit board ~~from the input means~~ electronically connected to the circuit board[.];

a ~~processing means for generating~~ processor configured to generate an associating marker to the voice signals and digital data, ~~prioritizing~~ prioritize the data in terms of importance, and ~~communicating~~ communicate the data according to the importance[.];

a phone line ~~means~~ having a first end electronically connected to the circuit board for receiving the signals and digital data from the phone line ~~means~~ and carrying remote digital signals to the processor, ~~means~~ said phone line ~~means~~ having a second end[.]; and

a [cpu means] CPU connected to the phone line second end for accepting the signals and digital data from the phone line ~~means~~ and processing the signals into a completed telephone call and processing the digital data into digital information available for examination.

19. (WITHDRAWN – CURRENTLY AMENDED) The device of claim 18, wherein the ~~processing means further comprises a means for~~ processor is configured to determine ~~determining~~ the desired format for the digital data and a ~~formatting means for formatting~~ and to format the data into a signal according to the determination of the processor ~~processing means~~.

20. (WITHDRAWN – CURRENTLY AMENDED) The device of claim 18, wherein the input ~~means~~ is selected ~~from~~ from the group ~~comprising~~ consisting of at least one video input device, at least one user identifier comprised of a biometric thumbprint reader, at

least one digital station information identifier, a microphone ~~means for listening~~, a video ~~means for recording video images~~ recorder, a card reader ~~means for obtaining data from a card~~, a biological marker reader, and combinations thereof.

21. (WITHDRAWN – CURRENTLY AMENDED) The device of claim 18, wherein the processor and ~~cpu~~ CPU further comprise a call ~~regulating means~~ regulator for providing notification ~~notifying~~ of the termination or suspension of data due to priority.

22. (WITHDRAWN – CURRENTLY AMENDED) A phone hook indicator ~~means working operable~~ with a phone service comprising a phone ~~device~~ comprising a handset ~~means~~ for accepting and generating electromagnetic voice signals, said handset having a magnet element, a circuit board electronically connected to the handset ~~means~~, at least one input ~~means~~ for receiving digital data electronically connected to the circuit board; a magnetic sensor ~~means~~ for sensing the presence of ~~the~~ said magnetic element and generating a presence signal showing the presence of ~~the~~ said magnetic element attached to the circuit board and a processor ~~means~~ electronically connected to the circuit board ~~means~~ for receiving the presence signal and for receiving handset signals and transmitting the signals to complete the call to the phone service.